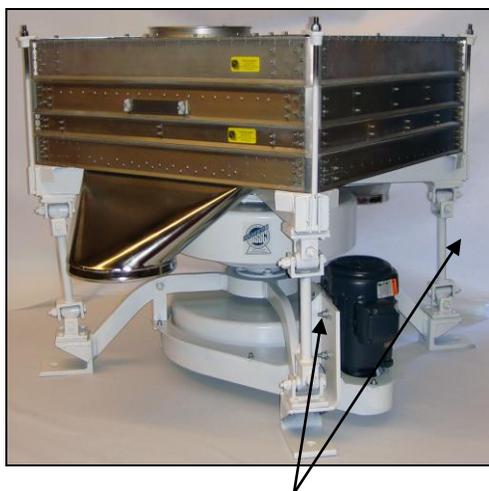


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Yearly Preventative Maintenance for the CS-1 Gyrotory Sifter



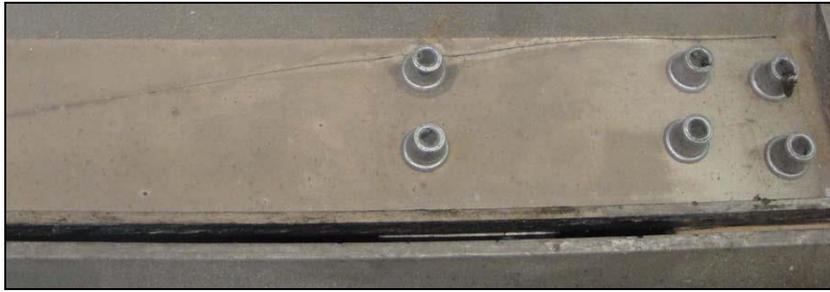
Stabilizer Assemblies

- Change out all (4) stabilizer assemblies at the same time. This prevents the base from being taken apart every time a bushing fails. Most sifter base problems occur when the stabilizer assemblies are shimmed incorrectly, causing the X-frame to flex. The flexing happens 265 per minute. It doesn't take long for the X-frame to destroy all the sifter decks. By replacing the stabilizers all at once you can expect all the bushings to fail around the same time. Since a bushing can last around 14 months changing them every year keeps the sifter running great while requiring less maintenance. The old assemblies can be inspected & rebuilt by simply replacing the old bushings and any other worn out parts. A spare set of stabilizers can help to prevent costly down times.



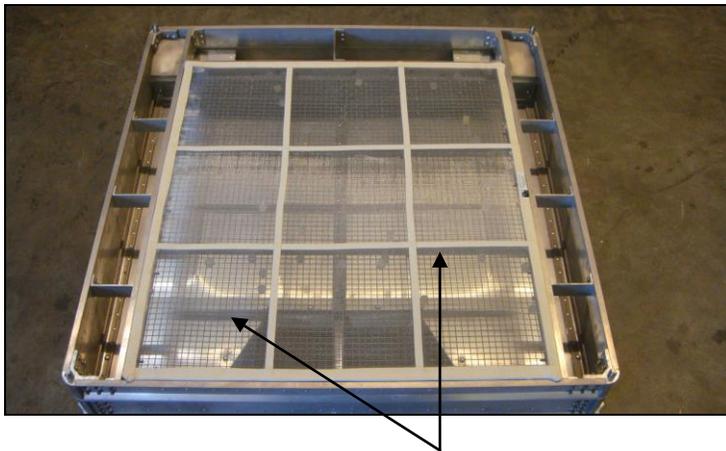
Deck Gasketing

- Inspect all gasketing on the sifter decks. Gaskets should be soft and flexible. Replace any damaged or hardened gaskets as needed. Gasketing usually needs to be replaced every five years.



Sifter Decks

- Inspect all the sifter decks. The deck should be checked over for any signs of cracking. Any cracked or severely dented deck sides need to be replaced. All rivets should be inspected and replaced if needed. Check the corners for any signs of wearing to the bottom hole or top pin. If the deck is not tightened down correctly it will slide around destroying the gasketing and expanding the hole in the corners, which will eventually cause a failure.



Insert Frames & Screens

- Inspect the all of the insert frames & screens. Replace all of the screens & screen cleaning balls & cubes on a yearly basis. After a year of constant use the screens and screen cleaning balls & cubes will start to wear. It is better to prevent a screen failure vs. replace after a failure occurred.

Listed above are a few things that should be done once a year to keep your CS-1 Sifter base running like new!